

WHAT IS CLAIMED IS:

1. An electronic camera comprising:
  - / imaging means for optoelectrically converting a subject image to generate electronic image data;
  - 5 temporary storage means for temporarily storing the image data produced by said imaging means;
  - image display means for displaying an image based on the image data stored in said temporary storage means;
- 10 recording means for recording the image data stored in said temporary storage means on a recording medium;
- erasing means for erasing the image data recorded on the recording medium;
- 15 instructing means for instructing said recording means to abort recording on the recording medium of the image data stored in said temporary storage means or for instructing said erasing means to erase the image data recorded on the recording medium; and
- 20 control means for controlling said image display means to display thereon the image based on the image data stored in said temporary storage means for a predetermined period of time after capturing, for controlling said recording means to abort recording on the recording medium of the image data stored in said temporary storage means when an instruction is given from said instructing means while said recording means
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is recording the image data on the recording medium,  
and for controlling said erasing means to erase the  
image data recorded on the recording medium when an  
instruction is given from said instructing means after  
5 said recording means has recorded the image data on the  
recording medium.

2. An electronic camera comprising:  
imaging means for optoelectrically converting a  
subject image to generate electronic image data;  
10 temporary storage means for temporarily storing  
the image data produced by said imaging means;  
recording means for recording the image data  
stored in said temporary storage means on a recording  
medium;

15 erasing means for erasing the image data recorded  
on the recording medium;  
instructing means for instructing said recording  
means to abort recording on the recording medium of the  
image data stored in said temporary storage means or  
20 for instructing said erasing means to erase the image  
data recorded on the recording medium;  
image display means for displaying an image based  
on the image data; and  
control means operative when said recording means  
25 is recording the image data on the recording medium for  
controlling said image display means to display thereon  
the image based on the image data stored in said

temporary storage means and controlling said recording means to abort recording the image data stored in said temporary storage means on the recording medium in response to an instruction from said instructing means,  
5 and operative when said recording means has recorded the image data on the recording medium for controlling said image display means to display thereon the image based on the image data recorded on the recording medium for a period of time provided for displaying the  
10 image and controlling said erasing means to erase the image data recorded on the recording medium in response to an instruction from said instructing means.

3. An electronic camera according to claim 1 or 2, wherein said control means controls said electronic camera to restore a capturing enabled state after aborting the recording of the image data stored in said temporary storage means on the recording medium or after erasing the image data recorded on the recording medium.  
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4. An electronic camera according to claim 1 or 2, further comprising setting means for setting at least one of a display time of the image based on the image data stored in said temporary storage means and a display time of the image based on the image data recorded on said recording medium,  
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wherein said control means controls said image display means to display thereon the image based on the  
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image data in accordance with the display time set by said setting means.

5. An electronic camera capable of sequentially capturing images, comprising:

5 imaging means for optoelectrically converting a subject image to produce electronic image data;

temporary storage means for temporarily storing a plurality of image data produced by said imaging means based on sequential capturing;

10 recording means for recording the image data stored in said temporary storage means on a recording medium;

image display means for displaying an image based on the image data;

15 instructing means for distinguishing images whose image data are to be preserved on the recording medium from images whose image data are not preserved on the recording medium; and

20 control means operative after completion of the sequential capturing for controlling said image display means to display thereon images based on the respective image data produced by the sequential capturing, and for controlling said recording means not to preserve on the recording medium the image data of images which have been distinguished as not being preserved on the basis of an instruction from said instructing means within the plurality of image data produced by the

sequential capturing.

6. An electronic camera capable of sequentially capturing images, comprising:

imaging means for optoelectrically converting  
5 a subject image to produce electronic image data;

temporary storage means for temporarily storing  
a plurality of image data produced by said imaging  
means based on sequential capturing;

recording means for recording the image data  
10 stored in said temporary storage means on a recording  
medium;

image display means for displaying an image based  
on the image data;

15 instructing means for distinguishing images whose  
image data are to be preserved on the recording medium  
from images whose image data are not preserved on the  
recording medium; and

control means operative after completion of the  
sequential capturing for controlling said image display  
20 means to display thereon images based on the respective  
image data produced by the sequential capturing and  
controlling said recording means in parallel to record  
the image data produced by the sequential capturing  
on the recording medium, and for controlling said  
recording means not to preserve on the recording medium  
25 the image data of images which have been distinguished  
as not being preserved on the basis of an instruction

from said instructing means within the plurality of image data produced by the sequential capturing.

7. An electronic camera capable of sequentially capturing images, comprising:

5           imaging means for optoelectrically converting a subject image to produce electronic image data;

              temporary storage means for temporarily storing a plurality of image data produced by said imaging means based on sequential capturing;

10          recording means for recording the image data stored in said temporary storage means on a recording medium;

              image display means for displaying an image based on the image data;

15          instructing means for distinguishing images whose image data are to be preserved on the recording medium from images whose image data are not preserved on the recording medium; and

20          control means operative after completion of the sequential capturing for controlling said image display means to display thereon images based on the respective image data produced by the sequential capturing, operative after completion of the display for controlling said recording means to record the image data produced by the sequential capturing on the recording medium, and for controlling said recording means not to preserve on the recording medium the image

data of images which have been distinguished as not being preserved on the basis of an instruction from said instructing means within the plurality of image data produced by the sequential capturing.

5        8. An electronic camera according to claim 5, 6 or 7, wherein said image display means displays respective images based on the respective image data produced by the sequential capturing at fixed display time intervals, and said electronic camera further  
10      comprises display time interval setting means for setting said time interval.

15      9. An electronic camera according to claim 5, 6 or 7, wherein said control means controls said electronic camera to restore a capturing enabled state after the image data has been recorded on the recording medium.

20      10. An electronic camera according to claim 5, 6 or 7, wherein said image display means displays a plurality of images based on the respective image data produced by the sequential capturing as a collection of images comprised of a plurality of smaller screen regions.

25      11. An electronic camera according to claim 5, 6 or 7, wherein said image display means displays capture information of the sequential capturing together with or independently of the images based on the image data produced by the sequential capturing.

12. An electronic camera comprising:

imaging means for optoelectrically converting  
a subject image to generate electronic image data;

5 temporary storage means for temporarily storing  
a plurality of image data produced by said imaging  
means;

recording means for recording the image data  
stored in said temporary storage means on a recording  
medium;

10 image display means for displaying an image based  
on the image data;

set capturing determining means for determining  
a plurality of sequential captures as set capturing,  
said set capturing determining means including start  
15 determining means for determining the start of the set  
capturing, and end determining means for determining  
the end of the set capturing;

20 instructing means for distinguishing images whose  
image data are to be preserved on the recording medium  
from images whose image data are not preserved on the  
recording medium; and

25 control means operative after completion of the  
set capturing for controlling said image display means  
to display thereon an image based on each image data  
produced by the set capturing, and for controlling said  
recording means not to preserve on the recording medium  
the image data of images which have been distinguished

as not being preserved on the basis of an instruction from said instructing means within the plurality of image data produced by the set capturing.

13. An electronic camera comprising:

5            imaging means for optoelectrically converting a subject image to generate electronic image data; temporary storage means for temporarily storing a plurality of image data produced by said imaging means;

10            recording means for recording the image data stored in said temporary storage means on a recording medium;

              image display means for displaying an image based on the image data;

15            set capturing determining means for determining a plurality of sequential captures as set capturing, said set capturing determining means including start determining means for determining the start of the set capturing, and end determining means for determining the end of the set capturing;

20            instructing means for distinguishing images whose image data are to be preserved on the recording medium from images whose image data are not preserved on the recording medium; and

25            control means operative after completion of the set capturing for controlling said image display means to display thereon an image based on each image data

produced by the set capturing and controlling said recording means in parallel to record the image data produced by the set capturing on the recording medium, and for controlling said recording means not to  
5 preserve on the recording medium the image data of images which have been distinguished as not being preserved on the basis of an instruction from said instructing means within the plurality of image data produced by the set capturing.

10       ✓ 14. An electronic camera comprising:

imaging means for optoelectrically converting a subject image to generate electronic image data;

temporary storage means for temporarily storing a plurality of image data produced by said imaging  
15 means;

recording means for recording the image data stored in said temporary storage means on a recording medium;

20       image display means for displaying an image based on the image data;

set capturing determining means for determining a plurality of sequential captures as set capturing, said set capturing determining means including start determining means for determining the start of the set capturing, and end determining means for determining  
25 the end of the set capturing;

instructing means for distinguishing images whose

image data are to be preserved on the recording medium from images whose image data are not preserved on the recording medium; and

control means operative after completion of the  
5 set capturing for controlling said image display means to display thereon an image based on each image data produced by the set capturing, operative after completion of the display for controlling said recording means to record the image data produced by  
10 the set capturing on the recording medium, and for controlling said recording means not to preserve on the recording medium the image data of images which have been distinguished as not being preserved on the basis of an instruction from said instructing means within  
15 the plurality of image data produced by the set capturing.

15. An electronic camera according to claim 12, 13 or 14, wherein said start determining means determines, when the capturing is instructed, the start of  
20 the set capturing when the number of image frames corresponding to image data which have not been recorded on the recording medium is equal to or more than a predetermined number within the plurality of image data stored in said temporary storage means.

25 16. An electronic camera according to claim 12, 13 or 14, wherein said start determining means determines the start of the set capturing when a next capture is

started before image data produced by a capture has not been recorded on the recording medium.

17. An electronic camera according to claim 12, 13 or 14, wherein said start determining means determines  
5 the start of the set capturing when a capturing time interval is within a predetermined time.

18. An electronic camera according to claim 17, further comprising changing means for changing said predetermined time.

10 19. An electronic camera according to claim 12, 13 or 14, wherein said start determining means determines the start of the set capturing when a photographer instructs the start through a manipulation.

15 20. An electronic camera according to claim 12, 13 or 14, wherein said end determining means determines the end of the set capturing when a capturing time interval is equal to or longer than a predetermined time.

20 21. An electronic camera according to claim 20, further comprising changing means for changing said predetermined time.

25 22. An electronic camera according to claim 12, 13 or 14, wherein said end determining means determines the end of the set capturing when a photographer instructs the end through a manipulation.

23. An electronic camera according to claim 12, 13 or 14, wherein said image display means displays

respective images based on the respective image data produced by the set capturing at fixed display time intervals, and said electronic camera further comprises display time interval setting means for setting said  
5 time interval.

24. An electronic camera according to claim 12, 13 or 14, wherein said image display means displays respective images based on the respective image data produced by the set capturing at fixed display time intervals in a capturing order, and displays a next  
10 image when an instruction is given from said instructing means even before the fixed display time does not expire.

25. An electronic camera according to claim 12, 13 or 14, wherein said control means controls said electronic camera to restore a capturing enabled state after the image data has been recorded on the recording  
15 medium.

26. An electronic camera according to claim 12, 13 or 14, wherein said image display means displays a plurality of images based on the respective image data produced by the set capturing as a collection of images comprised of a plurality of smaller screen regions.  
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27. An electronic camera according to claim 12, 13 or 14, further comprising set capturing display means for displaying that the set capturing is in progress.  
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28. An electronic camera according to claim 12, 13

or 14, wherein said image display means displays capture information of the set capturing together with or independently of the images based on the image data produced by the set capturing.

5        29. An electronic camera according to claim 12, 13 or 14, wherein said recording means additionally records information indicating that the image data to be recorded on the recording medium are image data captured by the set capturing, when said recording means records the image data captured by the set capturing on the recording medium.

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30. An electronic camera according to claim 12, 13 or 14, wherein said image display means displays an image in an enlarged view.

15        31. An electronic camera comprising:  
            imaging means for optoelectrically converting a subject image to generate electronic image data;  
            temporary storage means for temporarily storing a plurality of image data produced by said imaging means;  
20        recording means for recording the image data stored in said temporary storage means on a recording medium;  
            image display means for displaying images based on the image data;  
25        capture instructing means for instructing a capture;  
            set capturing indicating means for indicating

a plurality of sequential captures as set capturing;  
and

set capturing determining means for determining  
images captured in response to an instruction of said  
capture instructing means while said set capturing  
indicting means is being manipulated, as images in the  
set capturing.